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DESCRIPTORS: *Pentanes, *Catalysts, Cyclopentanes, Adsorption, Surface properties, Aluminum compounds, Chromium compounds, Potassium compounds, Oxides.

(Chemistry--Physical, TT, v. 6, no. 8)

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I. Rubinshtein, A. M.
II. Slovetskaya, K. I.
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THERMODYNAMIQUE DE L'ADSORPTION DE PROPYLENE PAR LE SYSTEME H_2SO_4 - H_2O (Termodinamika Absorbtsii Propilena Sistemoi H_2SO_4 - H_2O) (The Thermodynamics of Propylene Adsorption by the H_2SO_4 - H_2O system) 16p. (Foreign text included) 12refs. CNRS-VIII bis 622
Order from OTS, ETC or CNRS $0.80 TT-62-28288

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DESCRIPTORS: Sulfuric acid, Water *Propenes, Adsorption, Thermodynamics.

(Chemistry--Physical, TT, v. 11, no. 6)

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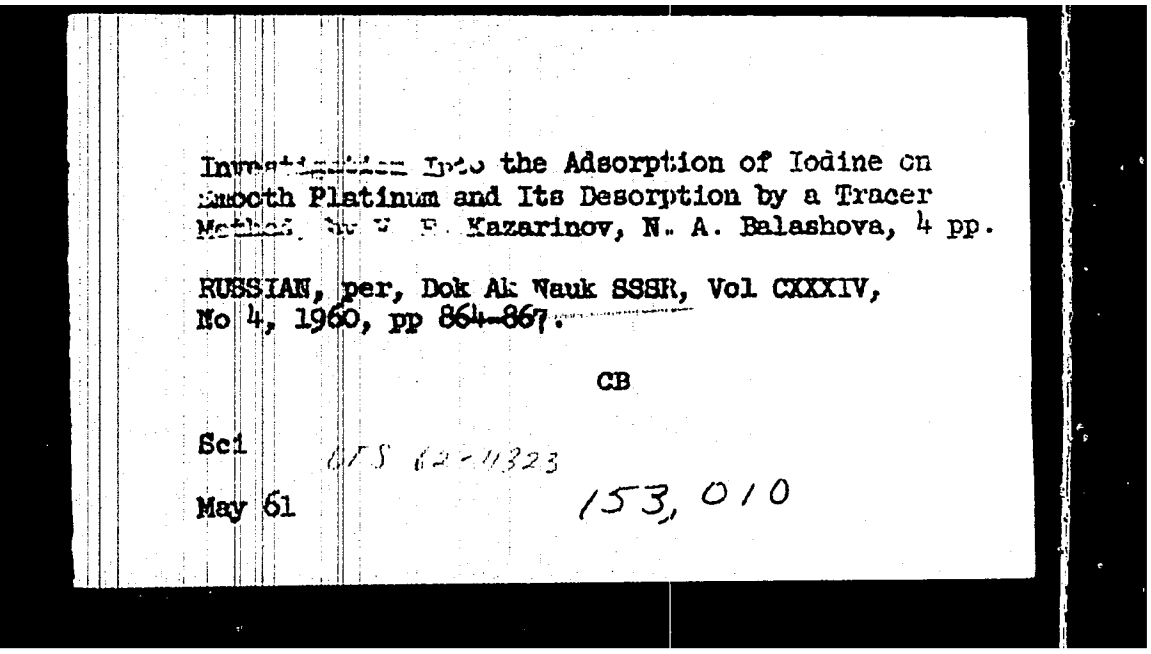

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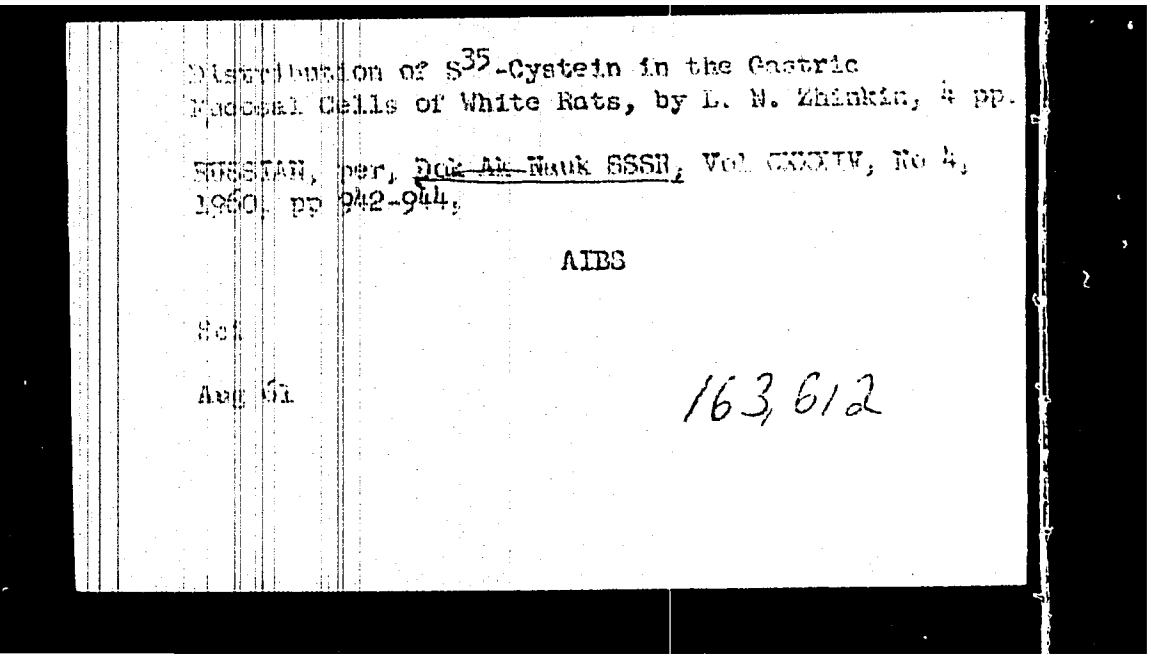

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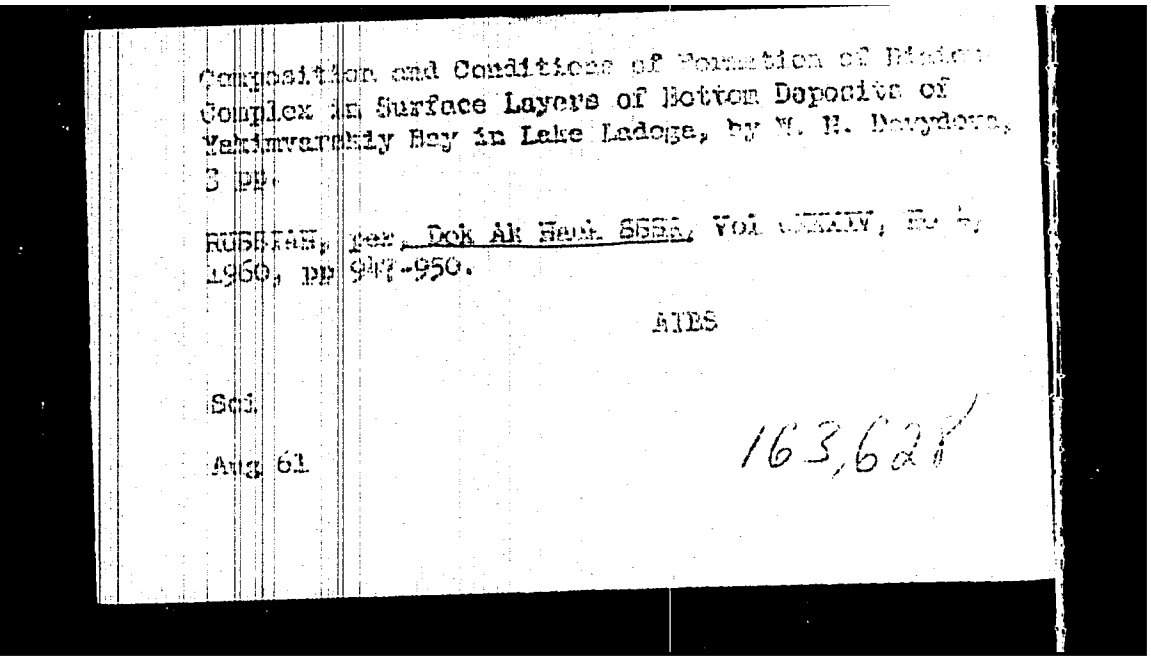

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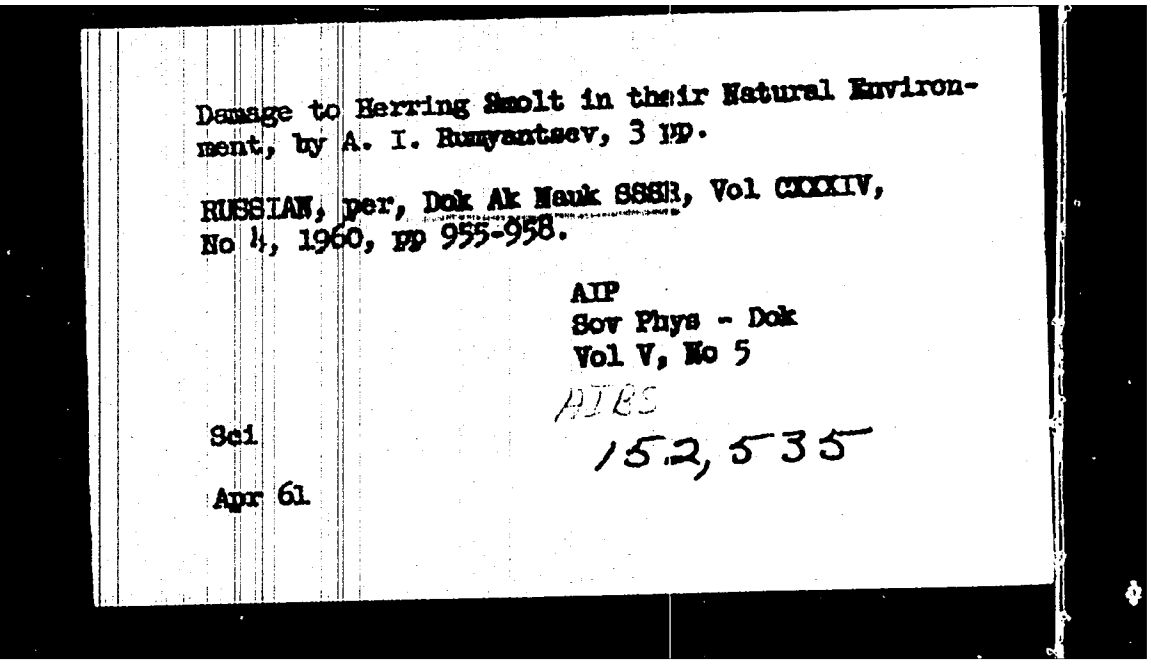

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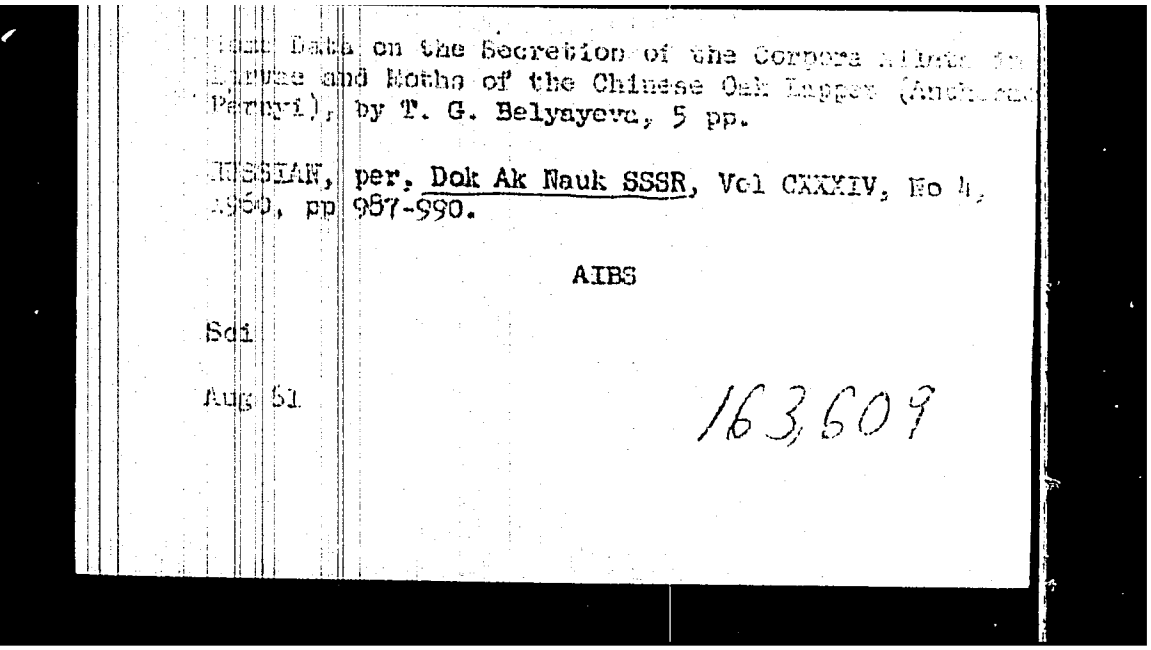

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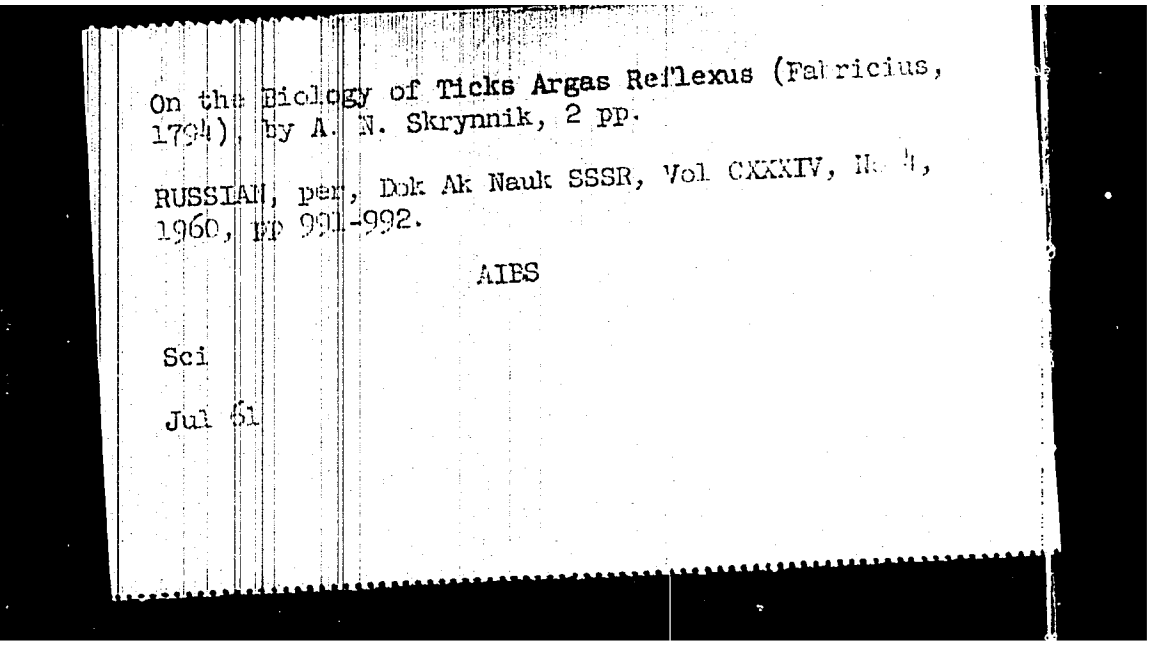

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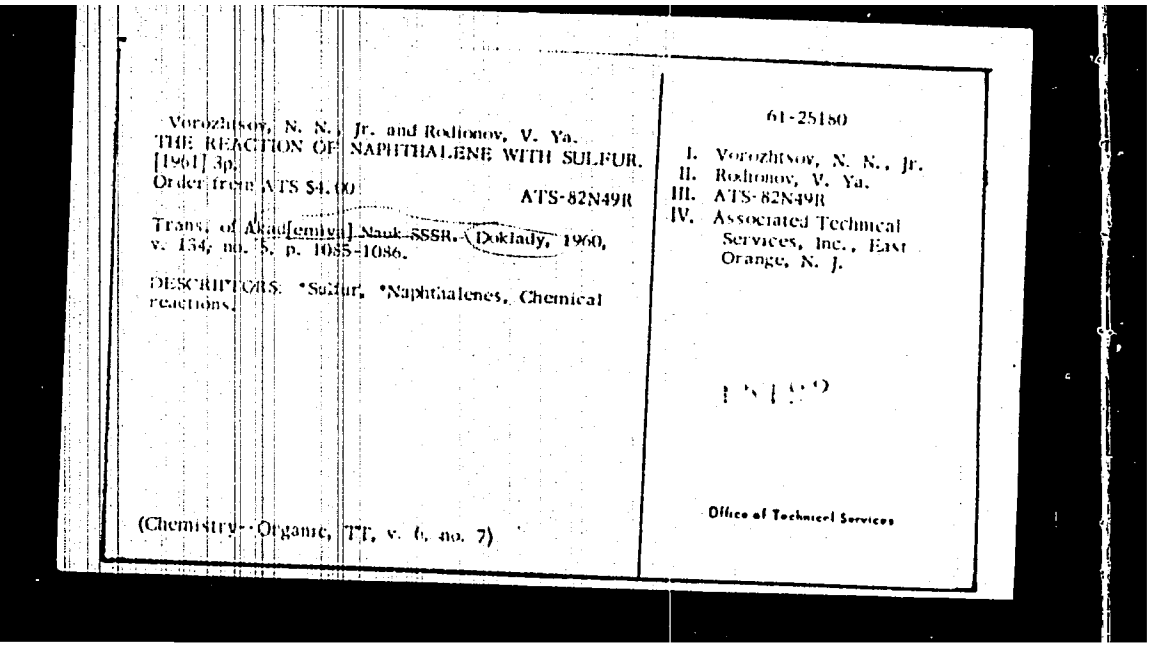

Vorozhtsov, N. N., Jr. and Rokhonov, V. Ya.
THE REACTION OF NAPHTHALENE WITH SULFUR.
[1961] 3p.
Order from ATS $4.00 ATS-82N49R

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1960, v. 134, no. 5, p. 1085-1086.

DESCRIPTORS: *Sulfur, *Naphthalenes, Chemical reactions.

(Chemistry--Organic, TT, v. 6, no. 7)

61-25180

I. Vorozhtsov, N. N., Jr.
II. Rokhonov, V. Ya.
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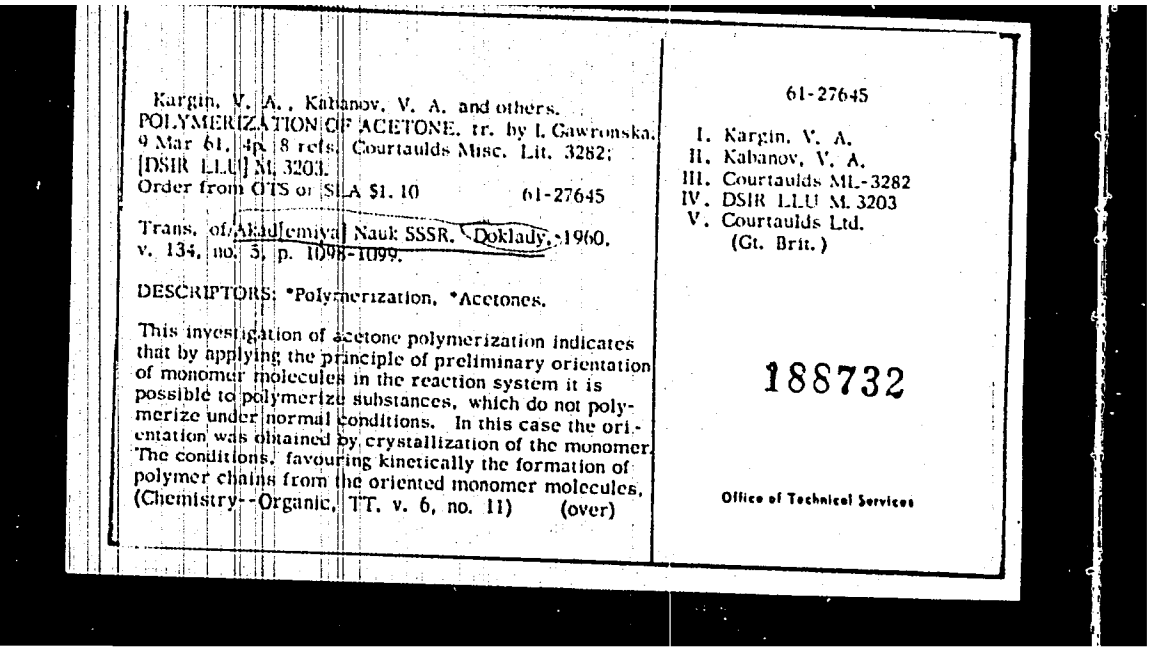

Kargin, V. A., Kabanov, V. A. and others.
POLYMERIZATION OF ACETONE. tr. by I. Gawronska.
9 Mar 61. 4p. 8 refs. Courtaulds Misc. Lit. 3282;
[DSIR LLU] M. 3203.
Order from OTS or SLA $1.10 61-27645

Trans. of Akadlemiya] Nauk SSSR. Doklady. 1960.
v. 134, no. 5, p. 1098-1099.

DESCRIPTORS: *Polymerization, *Acetones.

This investigation of acetone polymerization indicates that by applying the principle of preliminary orientation of monomer molecules in the reaction system it is possible to polymerize substances, which do not polymerize under normal conditions. In this case the orientation was obtained by crystallization of the monomer. The conditions, favouring kinetically the formation of polymer chains from the oriented monomer molecules, (Chemistry--Organic, TT. v. 6, no. 11) (over)

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I. Kargin, V. A.
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The Intensity of the Infrared Absorption of the C=C-O-C Group in Sydnones and Tropone and the Polarity of the C=O Bond, by Yu. G Borod'ko, Ya. K. Syrkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 5, 1960, pp 1127-1130.

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Evidence of Hydrogen Bonding of the Type OH...O=C in the Carbonyl Infrared Band of Ketones, by G. S. Denisov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 5, 1960, pp 1131-1134.

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Reduction of Complex Cobaltammines Containing Negative Substituents in the Inner Ring at the Dropping-Mercury Electrode, by N. V. Nikolayeva-Fedorovich, A. N. Frumkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 5, 1960, pp 1135-1137.

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Transition of Electronic Conduction Into Ionic Conduction as Related to the Composition of Solid Oxide Solutions, by S. F. Pal'guev, S. V. Karpachev, A. D. Neuimin, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 5, 1960, pp 1138-1141.

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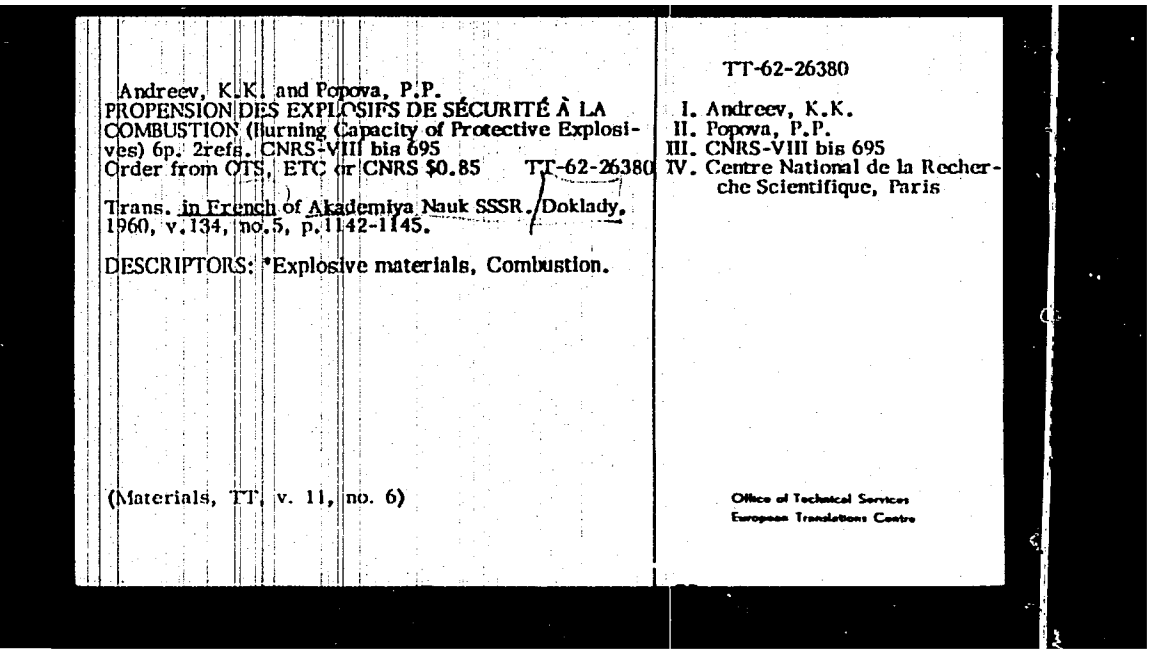

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PROPENSION DES EXPLOSIFS DE SÉCURITÉ À LA COMBUSTION (Burning Capacity of Protective Explosives) 6p. 2refs. CNRS-VIII bis 695
Order from OTS, ETC or CNRS $0.85 TT-62-26380

Trans. in French of Akademiya Nauk SSSR./Doklady, 1960, v.134, no.5, p.1142-1145.

DESCRIPTORS: *Explosive materials, Combustion.

(Materials, TT, v. 11, no. 6)

TT-62-26380

I. Andreev, K.K.
II. Popova, P.P.
III. CNRS-VIII bis 695
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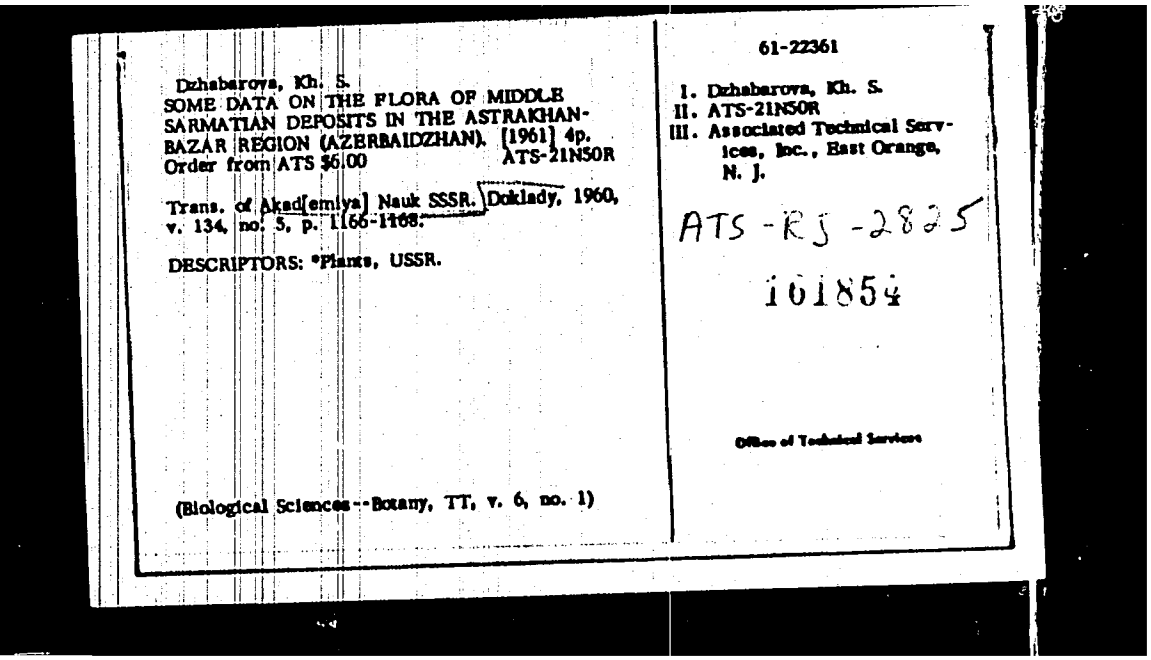

Dzhabarova, Kh. S.
SOME DATA ON THE FLORA OF MIDDLE SARMATIAN DEPOSITS IN THE ASTRAKHAN-BAZAR REGION (AZERBAIDZHAN). [1961] 4p.
Order from ATS $6.00 ATS-21N50R

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1960, v. 134, no. 5, p. 1166-1168.

DESCRIPTORS: *Plants, USSR.

(Biological Sciences--Botany, TT, v. 6, no. 1)

61-22361

I. Dzhabarova, Kh. S.
II. ATS-21N50R
III. Associated Technical Services, Inc., East Orange, N. J.

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Production of Polyploids in Species of Wild Potatoes: Solanum Bulbocastanum Dun., Solanum Cardiophyllum Lindl., Solanum Vernei Bitt. et Wittm., by N. A. Lebedeva, 2 pp.

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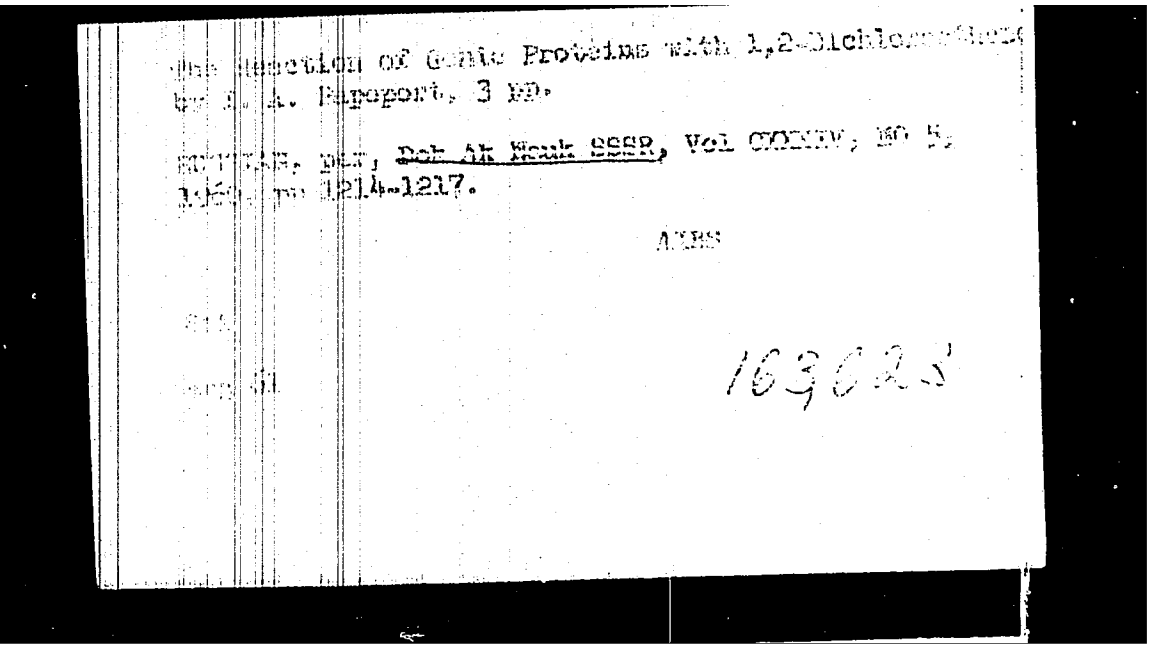

The Reaction of Cysteine Proteins with 1,2-Dichloroethane
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[illegible], pp., Dok Ak Nauk SSSR, Vol CXXXIV, No 5,
1960, pp 1214-1217.

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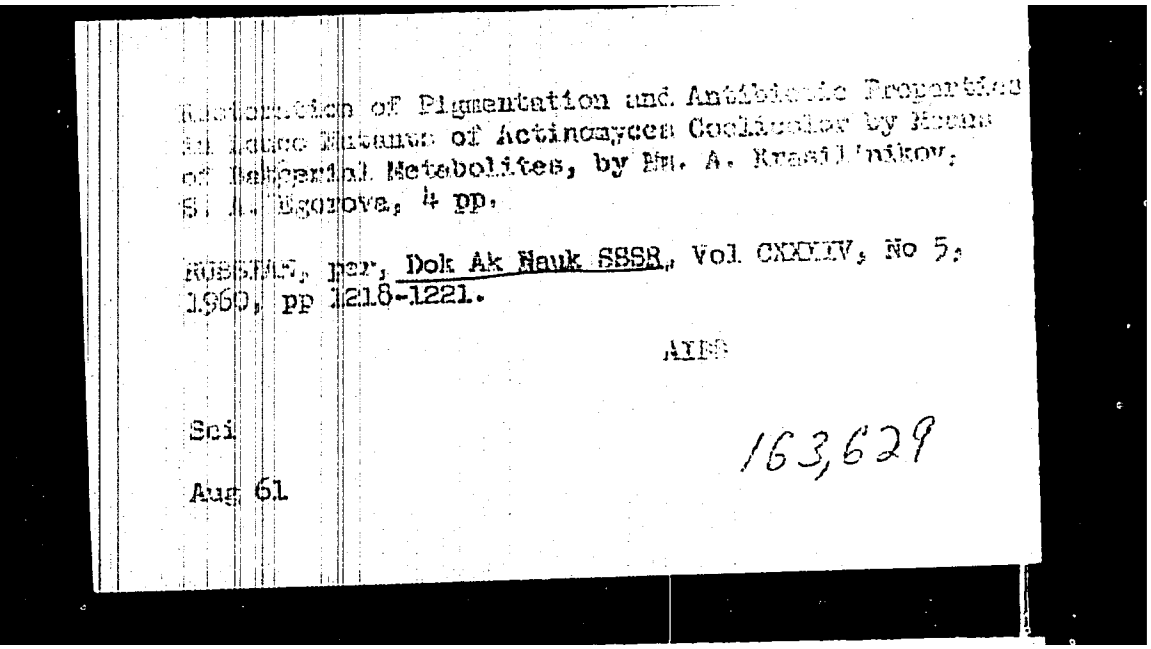

Relationship of Pigmentation and Antibiotic Properties in Some Mutants of Actinomycetes Cochaetius by Means of Bacterial Metabolites, by Yu. A. Krasil'nikov, S. I. Egorova, 4 pp.

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A Comparative Study of the Nucleotide Composition of Ribonucleic and Deoxyribonucleic Acids in Some Fungi and Myxomycetes, by B. F. Vanyushin, A. N. Belozerskiy, S. L. Bogdanova, 4 pp.

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Activation of Amino Acids in Nuclei Isolated From Rat Liver Cells, by V. A. Gvozdev, R. B. Khesin, 3 pp.

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A Study of Free Radicals in Surviving Animal Tissues, by L. P. Kayushin, I. K. Kolomiytseva, K. M. L'vov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 5, 1960, pp 1229-1231.

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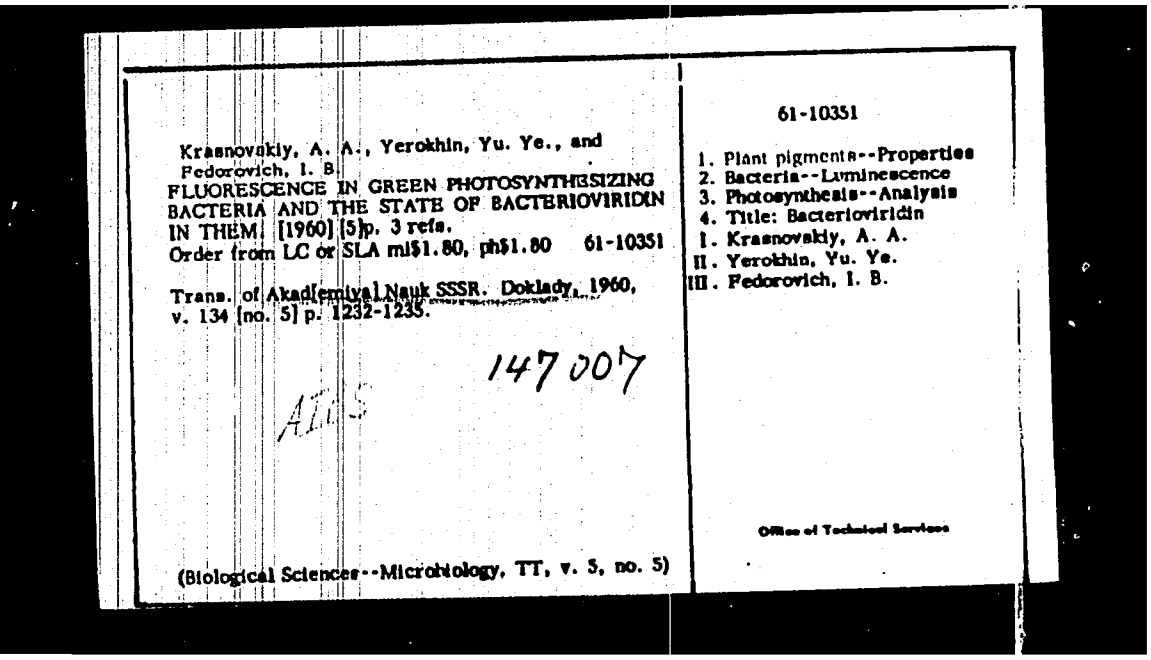

Krasnovskiy, A. A., Yerokhin, Yu. Ye., and Fedorovich, I. B.
FLUORESCENCE IN GREEN PHOTOSYNTHESIZING BACTERIA AND THE STATE OF BACTERIOVIRIDIN IN THEM. [1960] [5]p. 3 refs.
Order from LC or SLA mi$1.80, ph$1.80 61-10351

Trans. of Akademiya Nauk SSSR. Doklady, 1960, v. 134 [no. 5] p. 1232-1235.

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AD-5

(Biological Sciences--Microbiology, TT, v. 5, no. 5)

61-10351

1. Plant pigments--Properties
2. Bacteria--Luminescence
3. Photosynthesis--Analysis
4. Title: Bacterioviridin
I. Krasnovskiy, A. A.
II. Yerokhin, Yu. Ye.
III. Fedorovich, I. B.

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Glutaminase Content of Different Parts of the Central Nervous System and in Different Parts of Brain Cells, by A. V. Palladin, N. M. Polyakova, M. K. Malysheva, 4 pp.

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The Apogamic Sporogonia on Polyploid Protonema of Two Species of Bryophyte of Genus Dematodon, by A. S. Lazarenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 5, 1960, pp 1240-1243.

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The Development of Lenticels and Their Role in Cork Formation in Phellodendron Amurense Rupr, by G. P. Belostokov, 3 pp.

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On the Changes in Deoxyribonucleic Acid of the Egg Cell During Fertilization in Barley, Wheat, and Rye, by M. V. Klyucharева, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 5, 1960, pp 1248-1251.

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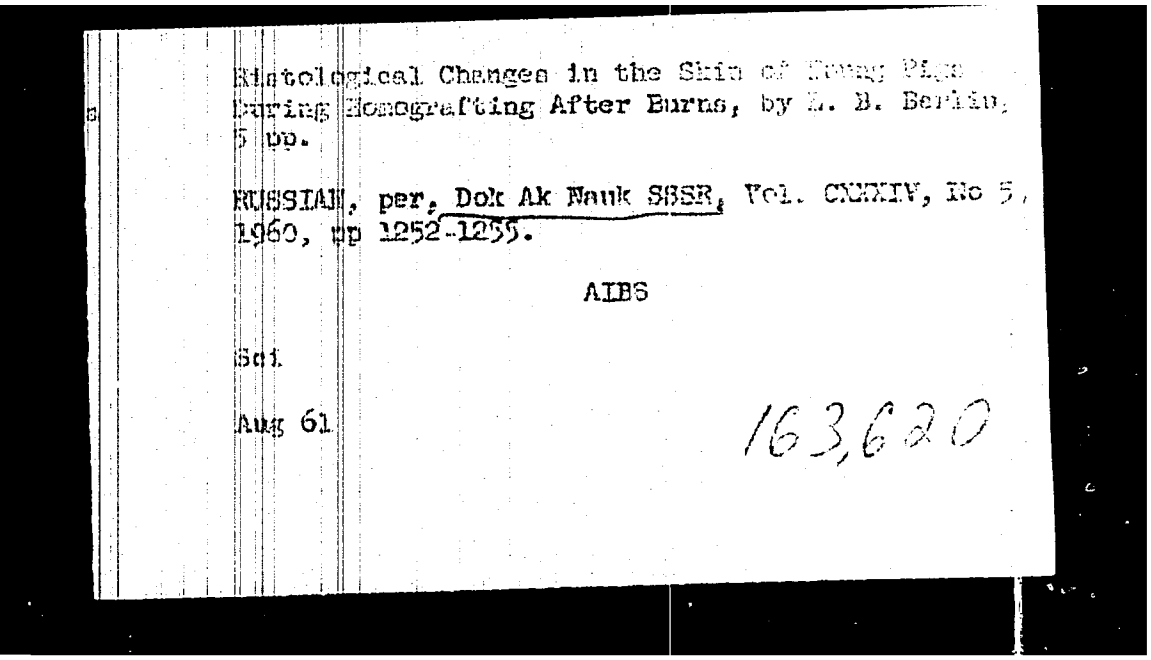

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Histofunctional Changes in a Wound at Different Concentrations of the Hormones of the Adrenal and Thyroid Glands, by A. I. Bukhonove, 4pp.

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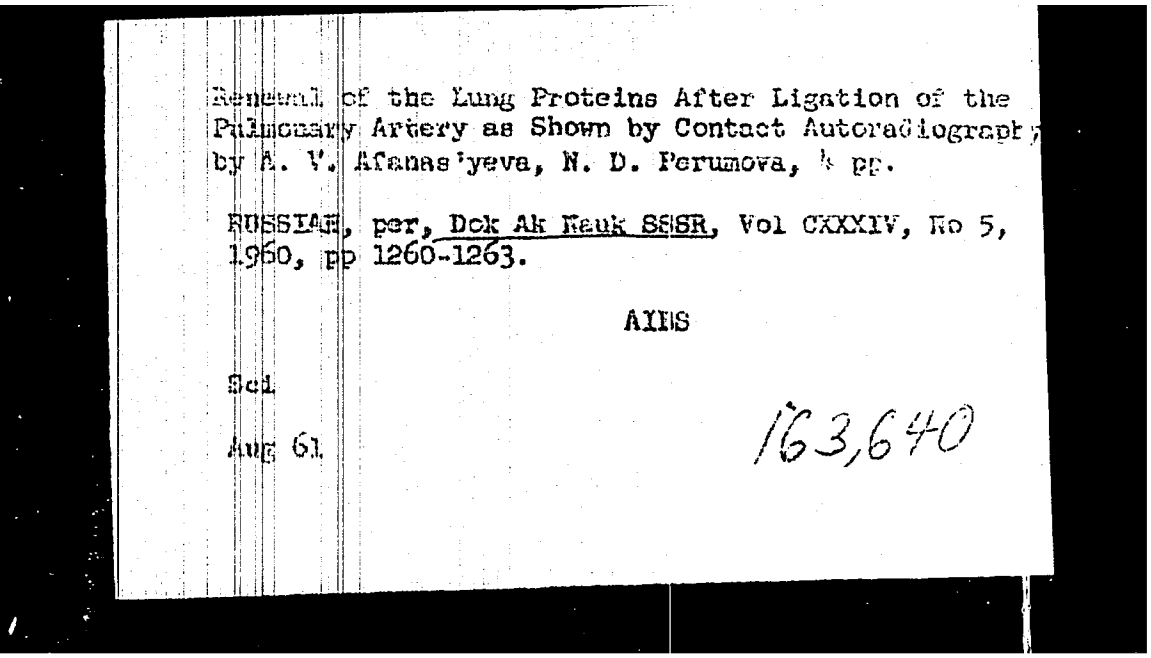

Renewal of the Lung Proteins After Ligation of the Pulmonary Artery as Shown by Contact Autoradiograph
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The Connection of the Statistical Variation Principle With the Method of Partial Summation of Thermodynamic Perturbation-Theory Diagrams in a Modified Formulation of the Problem of a Nonideal Bose-Einstein System, by V. V. Tolmachev, 5 pp.

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol CXXXIV, No 6, 1960, pp 1324-.

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The Relation Between the Statistical Variational Principle and the Method of Partial Summing of Diagrams in the Thermodynamic Perturbation Theory When a Modified Formulation of the Problem Involving a Non-ideal Bose-Einstein System is Used, by V. V. Tolmachev 2 pp.

RUSSIAN, per, Dok Ak Nauk, Vol CXXXIV, No 6, Oct 1960, pp 1324-1327.

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Calorimetric Determination of the Energy of Formation of Vacancies in Gold, by V. A. Pervakov, V. I. Khotkevich, 3 pp.

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RUSSIAN, per, Dok Ak Nauk, Vol CXXXIV, No 6, Oct 1960, pp 1331-1333.

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Martensitic Transitions in the System Titanium -- Zirconium, by V. N. Gridnev, V. I. Trefilov, V. N. Minakov, 3 pp.

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AGI

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Gerasimov, Ya.I., Vasil'eva, I.A. and others.
ÉTUDE THERMODYNAMIQUE DES SOUSOXYDES DE TUNGSTENE AU MOYEN DE LA MESURE DE LA FORCE ÉLECTROMOTRICE À HAUTE TEMPÉRATURE (Issledovanie Termodinamiki Nizshikh Okisov vol' frama Metodom E.D.S. pri Vysokikh Temperaturakh) (The Use of the E.M.F. Method on Studying the Thermodynamics of Lower Tungsten Oxides at High Temperatures). 10p.(Foreign text included) 17refs. CNRS-VIII bis 669.
Order from OTS, ETC or CNRS $0.80 TT-62-28313

Trans. in [illegible] of Akademiya Nauk SSSR, Doklady, 1960, v.134, no.6, p.1350-1352.

DESCRIPTORS: *Tungsten compounds, Oxides, *Thermodynamics, High Temperature research, Electric potential, Oxygen electrodes.

(Physics--Thermodynamics, TT, v. 11, no. 6)

TT- 62-28313

I. Gerasimov, Ya.I.
II. Vasil'eva, I.A.
III. CNRS-VIII bis 669
IV. Centre National de la Recherche Scientifique, Paris

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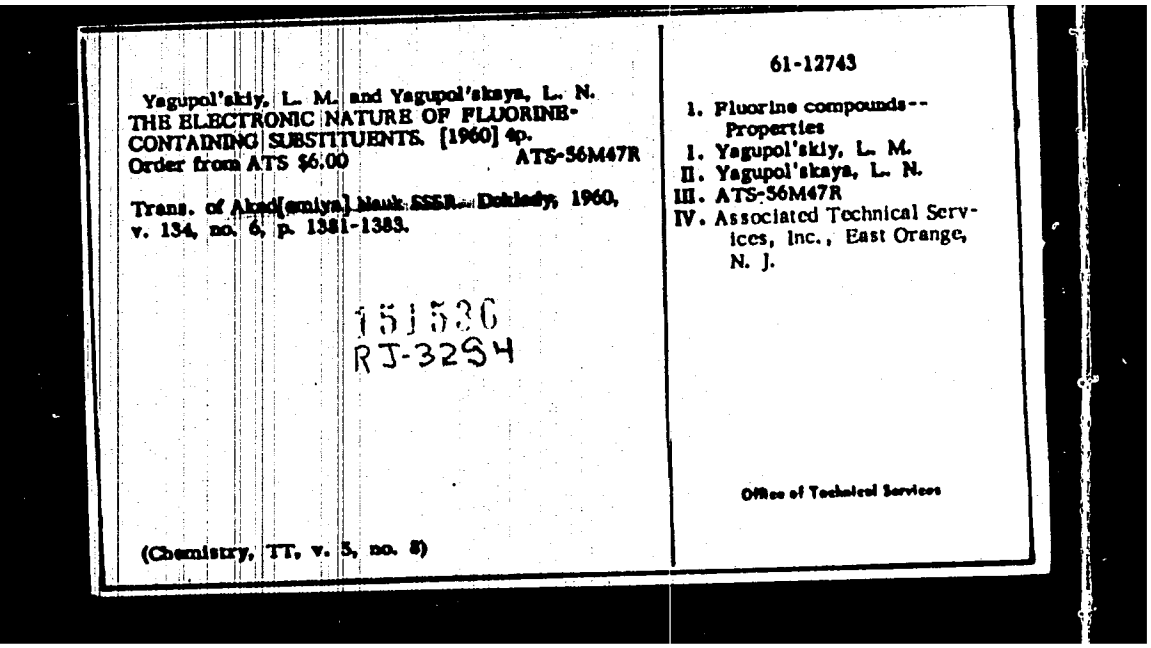

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THE ELECTRONIC NATURE OF FLUORINE-CONTAINING SUBSTITUENTS. [1960] 4p.
Order from ATS $6.00 ATS-56M47R

Trans. of Akad[emiya] Nauk SSSR...Doklady, 1960, v. 134, no. 6, p. 1381-1383.

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RJ-3294

(Chemistry, TT, v. 5, no. 8)

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1. Fluorine compounds--Properties
I. Yagupol'skiy, L. M.
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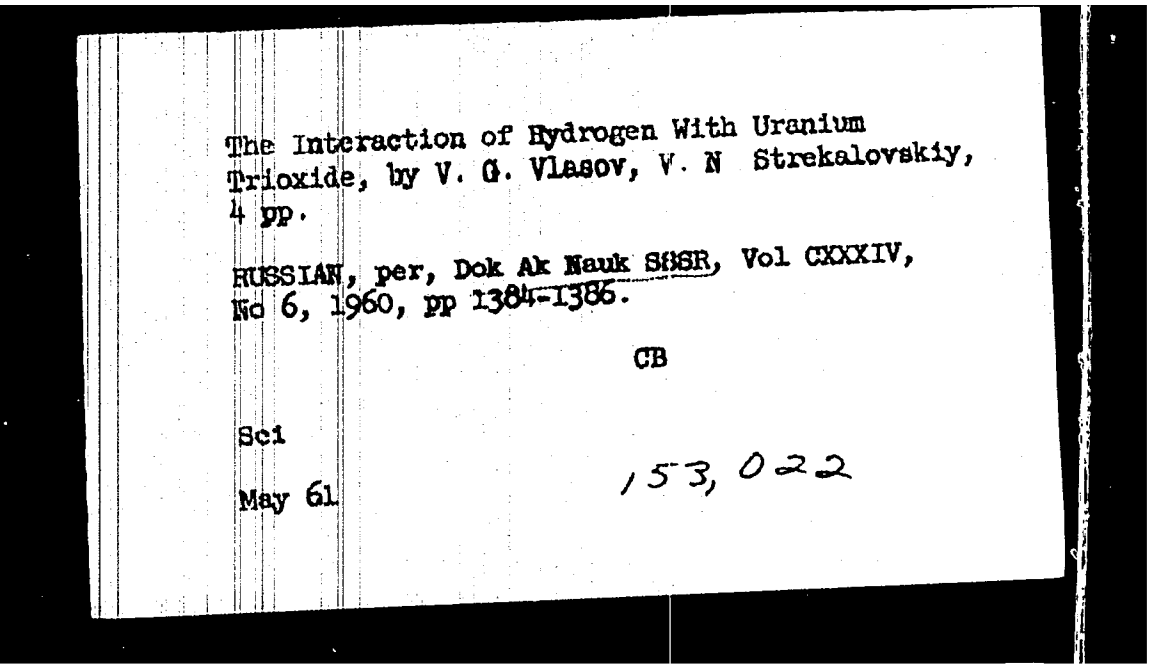

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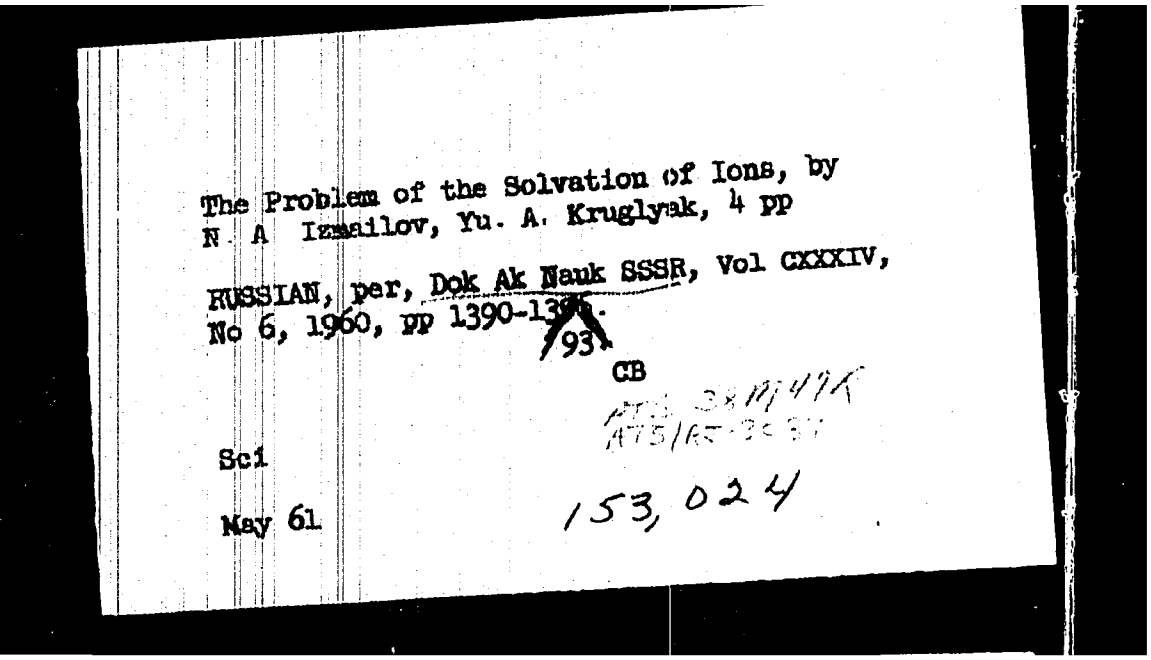

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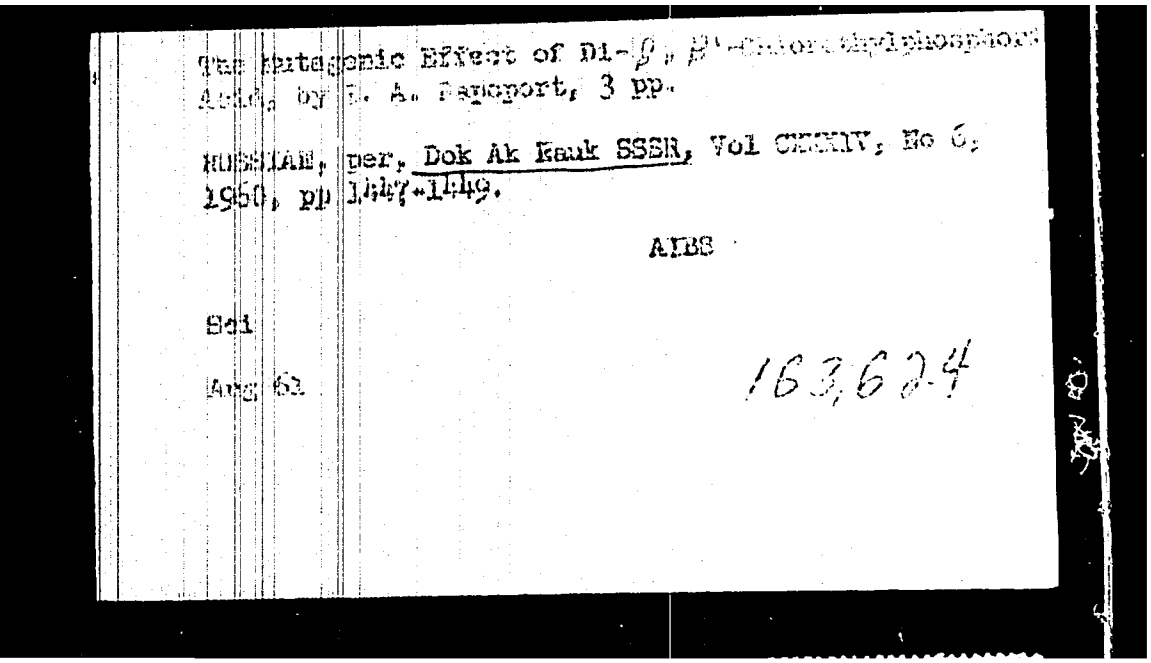

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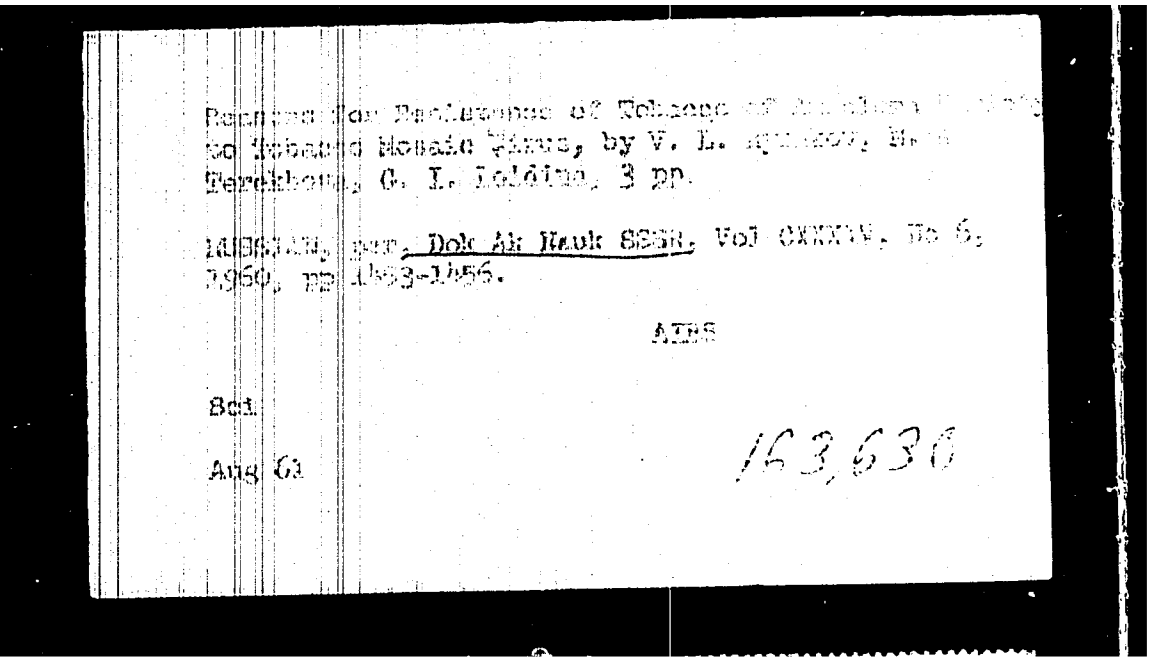

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